

## REMARKS

Claims 1-10 are pending in the application. In the non-final Office Action dated May 5, 2006, the Examiner made the following disposition:

- A.) Objected to the drawings.
- B.) Objected to the specification.
- C.) Rejected claims 5-8 under 35 U.S.C. §101.
- D.) Rejected claims 1-10 under 35 U.S.C. §102(e) as allegedly being anticipated by *Devine, et al.* (U.S. Publication No. 2002/0095399) (“Devine”).

Applicant addresses the Examiner’s disposition below.

A.) Objection to the drawings:

The specification at page 9, line 7, has been amended to describe that the file server 150 includes a file server storage 154. File server storage 154 is also disclosed, for example, in Figures 1, 18, and 19. Figure 1 has also been amended to include a legend for some of the item labels.

Figure 2 has been amended to delete items 244 and 264. Figure 2 has also been amended to include a legend for some of the item labels.

Figure 6 has been amended to replace item --614-- with item --612--, item --616-- with item --614--, and item --618-- with item --616--.

The specification at page 24, line 12, has been amended to label the text associated with “step 710,” which is also identified in Figure 7.

Figure 9 has been amended to include a textual description.

Figure 18 has been amended to replace item --152-- with item --150--.

Figure 19 has been amended to replace item --152-- with item --150--.

Please replace the drawing sheets for Figures 1, 2, 6, 9, 18, and 19 with the replacement drawing sheets attached to the Submission of Corrected Drawings submitted herewith.

Additional amendments have been made to the specification, as described below in Section B, to correct informalities and to overcome the Examiner’s objections to the drawings.

These amendments are made as per the Examiner’s request to overcome the objections and to correct informalities.

No new matter is introduced by the amendments made herein.

Applicant respectfully submits the objections have been overcome and requests that it be withdrawn.

B.) Objection to the specification:

The specification at page 21, line 7, has been amended to change the first occurrence of “step 622” to “step 620.”

The specification at page 24, line 21, has been amended to change “step 720” to “step 716.”

The specification at page 27, line 2, has been amended to label the client module API as item 1002, which is also identified in Figure 10.

The specification at page 37, line 3, has been amended to replace item --152-- with item --150--.

The specification at page 44, line 19, has been amended to delete “a draws.”

The specification at page 45, line 1, has been amended to change “Firs” to “First.”

The specification at page 45, line 18, has been amended to change “Its” to “It.”

The specification at page 45, line 34, has been amended to change “step 2606” to “step 2602.”

The specification at page 47, line 5, has been amended to change “intellectual” to “intellectual capital.”

Applicant respectfully submits the objection has been overcome and requests that it be withdrawn.

C.) Rejection of claims 5-8 under 35 U.S.C. §101:

Claim 5 has been amended as per the Examiner’s request to overcome the rejection.

Claims 6-8 depend directly or indirectly from claim 5 and are therefore allowable for at least the same reasons that claim 5 is allowable.

Applicant respectfully submits the rejection has been overcome and requests that it be withdrawn.

D.) Rejection of claims 1-10 under 35 U.S.C. §102(e) as allegedly being anticipated by *Devine, et al. (U.S. Publication No. 2002/0095399) (“Devine”)*:

Applicant respectfully traverses the rejection.

Independent claims 1, 5, 9, and 10 each have been amended to clarify that the processing engines are software-based processing engines.

Applicant's independent claims 1, 5, 9, and 10 each claim subject matter relating to providing a plurality of software-based processing engines. Each processing engine subscribes to at least one of a plurality of datatypes and is capable of publishing at least one of the datatypes. At least one of the processing engines subscribes to at least one of the datatypes published by another of the processing engines. The processing engines initiate processing responsive to receipt of a subscribed to datatype. A solution to a problem is determined using at least two of the processing engines.

This is clearly unlike *Devine*, which fails to disclose or suggest software-based processing engines. As noted by the Examiner, *Devine* teaches hardware-based data processing systems, such as "mainframe computers, supercomputers, workstations, personal computers, portable computers and hand-held computers, as well as measuring systems, sensors and various types of mobile devices having some type of embedded data processor and memory." *Office Action of 5/5/06*, page 5; *Devine* [0055]. This is clearly unlike Applicant's claimed software-based processing engines.

Nowhere does *Devine* suggest software-based processing engines. Applicant's claimed software-based processing engines are software engines that inventively process responsive to receipt of a subscribed-to datatype. Further, a solution to a problem is determined using at least two of the software processing engines. In an illustrative example, one processing engine may perform a processing based on a received datatype and then publish a datatype, which is received by a second processing engine. The second processing engine then initiates processing to arrive at a solution to the problem. *Devine* fails to suggest software-based processing engines, let alone determining a solution to a problem using at least two software-based processing engines.

For at least these reasons, *Devine* fails to disclose or suggest claims 1, 5, 9, and 10.

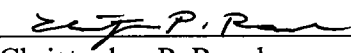
Claims 2-4 and 6-8 depend directly or indirectly from claim 1 or 5 and are therefore allowable for at least the same reasons that claims 1 and 5 are allowable.

Applicant respectfully submits the rejection has been overcome and requests that it be withdrawn.

### CONCLUSION

In view of the foregoing, it is submitted that claims 1-10 are patentable. It is therefore submitted that the application is in condition for allowance. Notice to that effect is respectfully requested.

Respectfully submitted,

 (Reg. No. 45,034)  
Christopher P. Rauch  
SONNENSCHNEIN, NATH & ROSENTHAL LLP  
P.O. Box #061080  
Wacker Drive Station - Sears Tower  
Chicago, IL 60606-1080  
Telephone 312/876-2606  
Customer #58328  
Attorneys for Applicant(s)